FOR MYSORE STATE

Public (C.P.) (1953) Department.

Ms SERIES.

G.O. Ms NO. 1975

Dated 25-7-1953.

passed

Superintendent.

[Despatch Abstract.]

Community projects - South Kanara Area - Providing water supply - construction of a well in Belvai - Block II - Estimate - sanctioned.

ACCOUNTS & SPECIAL OFFICER,
(COMMUNITY PROJECTS)
20 JUL 1953
PUBLIC (D. P.) DEPARTMENT
MADRAS

Ref.C.No.1592/53-B. Project Executive Office, S.Kanara,
Mangalore, d/- 15th July 1953.

*****

From

Sri G. Simhadri, B.A.,
Project Executive Officer,
Mangalore.

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

.....

Sir,

22032

Sub:- Community Projects - South Kanara area - Block II -Drinking water supply - Construction of a drinking water well in Belvai - Estimate - Sanction requested.

*****

I submit herewith an estimate in duplicate with site plan etc., for the construction of a drinking water well in S.No. 187 of Belvai village. The particulars required are furnished below:

1)	Block No.	.....	II.
2)	Name of work.	.....	Construction of a drinking water well in S.No. 187 (Poramboke of Belvai village.
3)	Whether the work has been approved by the Project Advisory Committee and whether provision has been made in the draft programme.		Yes.
4)	Cost of work.	.....	Rs. 2,850/-
5)	Villagers' contribution.	.....	The Panchayat Board, Puthige has resolved to contribute 25% of the cost which comes to Rs. 713/-
6)	The expenditure to be borne by the Community Project.	.....	Rs. 2,137/-

7) Remarks:

The proposal is to construct a drinking water well in S.No. 187 of Belvai Village which stands registered as poramboke. There are no public wells in the locality. The proposed work will benefit about 300 persons in the locality. The site has been approved by the Health Inspector, Karkal. The estimated cost of the work is Rs. 2,850/- The provision made in the estimate has been explained by the Assistant Engineer in his report accompanying the estimate. The estimated cost of the work is Rs. 2,850/- The Panchayat Board, Puthige has resolved to contribute 25% of the cost which works out to Rs. 713/- The balance of Rs. 2,137/- has to be met from the Community Project funds. Necessary provision has been made in the draft programme. I recommend that the estimate may be sanctioned for Rs. 2,137/-

PROJECT EXECUTIVE OFFICER 16/7

Enclosure: Estimate in duplicate.

Pub (CP. Audit) Dept

(Cno. 22092/53)

G.O. Ms. 1975 dated 25-7-53

Abstract:- Community Projects - South Kanara Area - Drinking Water Supply - Construction of a well in Belvai - Block II - Estimate - Sanction

Read:- From the PEO. Mangalore. ref Cno 1592/53-B dated 15.7.53.

Order:-

Sanction is accorded to an expenditure not exceeding Rs 1950/- (Rupees One thousand nine hundred and fifty only) being three fourths of the estimated cost of Rs 2600 for the Construction of a well in Belvai Village. The balance of Rs 650/- required for the Completion of the work should be met by Contribution from the beneficiaries. This sanction is Counted against the provision in item II d of the Project Estimate of the area, approved by the CP.A in their letter No. CPA 33/5/52 dated 21-3-53

2) The expenditure should be debited to "63 B. Community Development Projects of Public Health - Health and Rural Sanitation (including Drainage and Water Supply) - I. Works

3) The PEO. Mangalore should get the work executed according to the plan and estimate herewith returned approved and submit a Copy of the Completion report to Govt. in due Course

By Order,
23-7-53
Mgs/7 & 2m/7/53

24/7/53 24/7/53

(By regd. post)

To The PEO. Mangalore (with the enclosures)
The AG. Madras
The Secy. CP.A. Rashtrapati Bhavan, New Delhi
The Collector, South Kanara
Sri A Balakrishnaiah BA BL, DHAS (AG Madras)
Pub (CP. Accts) Dept
Pub (CP. Tech.) Dept ✓
SF-2 ✓ SF ✓
Spare Copy sent in Mz 29/7

CB. 6 months ✓ entered in Register no. 155. ✓

Report to accompany the Estimate for 5 constructing a Drinking water well at Belwai in Kau Belwai village Kandale District —— Rs 2600/-

The site for this well has been fixed in consultation with the Water Diviner and the depth is fixed at 45 ft. depth. The diameter of the well is proposed well is 8'-0" ft. The soil at the locality is clay will be hard gravel mixed with boulders. This is observed ~~with reference to the~~ other wells in the locality ~~other than that the~~ soil as observed at the sites of the existing wells in the locality. Water will also be available in other wells, at a depth of about 40 ft. Hence a depth of 45 ft is proposed for this well.

~~The~~ wooden curb kerb is proposed for this well and of same depth and will be made with ~~concrete~~ teak wood. The kerb will be sunk as the work progresses.

Rough stone dry masonry steining will be provided for the well upto 35 ft depth. For the top 10 ft depth Random Rubble Masonry in cement mortar 1:5 will be provided.

Parapet walls for the well with the necessary pillars for supporting the pulleys will of Laterite masonry in Cement mortar 1:5 as shown in the plan enclosed.

Exposed Laterite masonry Surface will be finished with Cement mortar 1:4 ~~1:5~~ 1/2" thick

Provision is made in the estimate for Cementing ~~wood~~ beams for fixing the pulleys and the Concrete bed blocks ~~with~~ under the ~~the~~ wooden beams

The necessity for the well will be explained by the Assistant Project Officer Kankala along with the proposals regarding the Collection of Contribution in respect of the well.

Enclosed
1 Estt
1 Plan

25/6/53
Asst Engr

DETAILED ESTIMATE.

421,104—17-11-52. C.F. 160 (1).

District South Kanara. Taluk Karkala.

Village and Survey Belvai. Date and cost of original construction

Name and number of work Constructing a drinking water well at Belvai Village. Date and cost of last repairs

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Earth work - Open well excavation carrying with relevant charges of well working & removing land upto 10 yds.						
1st depth in ordinary gravel	1	22/7 × 14' × 14'		× 6'-0"	924 cft	@ 1000 cft.
2nd depth ——do——	1	22/7 × 14' × 14'		× 6'-0"	924 cft	@ 1000 cft.
3rd ——do——	1	22/7 × 13' × 13'		× 6'-0"	796 cft	800 cft.
4th ——do——	1	22/7 × 13' × 13'		× 6'-0"	796 cft	800 cft.
5th depth in Hard gravel	1	22/7 × 13' × 13'		× 6'-0"	796 cft	800 cft.
6th ——do——	1	22/7 × 13' × 13'		× 6'-6"	796 cft	800 cft.
7th ——do——	1	22/7 × 12' × 12'		6'-0"	679 cft	700 cft.
8th depth in Rivinala ground Rock.	1	22/7 × 1'-1" × 1'-1"		3'-0"	329 cft	350 cft.
I Country wood work in Roof &c.						
Curb	1	22/7 × 9'-9" × 2" × 10"			2042 / 17.67	
Beams	3	8'-6"	0'-4"	0'-6"	4.00	@ 25 cft
II Random Rubble stone masonry in C.M. 1:6.					24.42	25 cft.
Ist footing	1	22/7 × 9'-9" × 1'-9"		× 5'-0"	368	
IInd footing	1	22/7 × 9'-6" × 1'-6"		× 7'-0"	312	
IIIrd footing	1	22/7 × 9'-3" × 1'-3"		× 2'-6"	836	
extra					34	
					1450	1450 cft.
V Random Rubble stone masonry in C.M. 1:6.						
upto 10' Lateritic masonry in C.M. 1:5.	1	22/7 × 9'-0" × 1'-0"		× 10'-0"	283	300 cft.
Laterite masonry in C.M. 1:5. Parapet wall.	1	22/7 × 3'-9" × 0'-9"		× 2'-6"	62.	
Pillars.	1	3'-6"	1'-1"	3'-6"	24.	
Pillar projecting	3	1'-6"	0'-5"	3'-0"	10.	
Retaining wall with footing	1	22/7 × 18'-3" × 0'-9"		× 1'-0"	43.	
loading drain	1	15'-0"	2'-3"	1'-6"	51.	
extra					16	
deduct for drain	1	15'-0"	0'-9"	0'-6"	284	286
Portion for pavement & well curb &c.	3	1'-6"	1'-6"	0'-6"	51 + 9	
					420	420 cft.

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
concrete foundation 1½" Stone B.S.S. 8 to 1 in C.M. 1:4:8.						
Platform	1	22/7 x 13'6"	7'0"	3"x0'-4"	46	
under retaining wall } Platform.	1	22/7 x 18'-3"	x1'-9"	x0'-6"	50.	
below the leading edge with }	1	15'-6"	3'-5"	0'-6"	4.	
flat bed blocks used } below the Beams.	3	1'-6"	1'-6"	0'-6"	3	
					123	
					+7	
					130	130 cft.
II. cut stone single k.g. dressed on bed & joints in C.M. 1:4.						
coping stones for } Parapet walls }	1	22/7 x 2'-9"	x0'-9"	x0'-6"	10.31	
flat steps	24	1'-6"	1'-6"	0'-6"	27.00	
					37.31	or 38 cft.
II. Pointing (R. R. Masonry) in C.M. 1:4.						
Parapet wall inside	1	22/7 x 8'-6"	x0'-3"		75	
Top.	1	22/7 x 8'-9"	x0'-9"		24.	
Straining w/k 10' below	1	22/7 x 8'-0"	x10'-0"		251.	
outside face of } Parapet wall }	1	22/7 x 91'-0"	x3'-0"		90.	
R. wall of platform	1	22/7 x 9'-0"	x1'-0"		60.	
leading dam and side }	2	1'-0"	2'-9"		23.	
Pillars.	3	6'-0"	3'-6"		63.	
Pillar projects	3	3	3		27	
					41	
					650	650 sft.
III. Plastering with C.M. 1:4						
Platform top.	1	22/7 x 31'-6"	x4'-3"		170.	
Inside & Top of R. wall	1	22/7 x 15'-3"	x0'-9"		74.	
leading dam.	1	15' x 3'-3"			49.	
					57	
					350	350 sft.
X. Providing & fixing wrought iron pulling } with necessary screws & plates } for fixing above & side bottle bearings } etc. complete.					L.S.	
X. Other unforeseen items not included in the Est.					L.S.	
XI. P.S. & contingencies					L.S.	

E. A. Coelho
27-6-53
AE

Executive Engineer
S.D. Karkala 14/6/53.

P.W.D. V-39—17 205—20-1-53.

2/9

Data sheet to accompany the estimate for Constructing a drinking water well in Behrandi Village.

Quantity	Description of wor	Rate.	Per.	Amount.	Total.
		RS. A. P.		RS. A P.	
	Leads				
1	Sand - - - - -	1½ M.		Rs. 1.	
	Cement - - - -	27 M. M. R.			
	Cr. stone - - -	1 M. C. T.			
	Metal }				
	Curtg. wood - bracing.				
I.	Earth work of a well excavation complying with relevant clauses of S. S. well sinking & with a lead up to 10 yds.				
1000 cft.	1st depth in rotary ground	18 14 -	1000 cft.	18 4 -	18-14-0
1000 cft.	2nd depth —do—	28 5 -	—do—	28 5 -	28-5-0
1000 cft.	3rd depth —do—	42 8 -	—do—	42 8 -	42-8-0
1000 cft.	4th depth —do—	63 11 -	—do—	63 11 -	63-11-0
1000 cft.	5th depth — Hard ground	103 3 -	—do—	103 3 -	103-3-0
1000 cft.	6th —do—	162 5 -	—do—	162 5 -	162-5-0
1000 cft.	7th —do—	243 8 -	—do—	243 8 -	243-8-0
1000 cft.	8th depth of Cft. dam. Hard Rock	493 5 -	—do—	493 5 -	493-5-0
II	Cement Mortar 1:3 for 100 cft.				
100 cft.	cost of Sand	2 8 -	100 cft.	2 8 -	
20 cft.	cost of cement	27 8 -	25 M.	7 2 -	
100 cft.	Lead for Sand 1½ M. C. T.	11 4 -	100 cft.	11 4 -	
20 cft.	Lead for cement 27 M. M. R. up to 5 miles - 25-12-6 @ 2 annas/mile for 22 miles - 44-0-0	69-12-6		69 12 6	
100 cft.	Mixing charges.	4 6 -	—do—	4 6 -	
	Sundries.	4. 2.		- 4 8	
					100 cft

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P.W.D. V-39—17 205—20-1-53.

Data sheet to accompany the estimate for _____

Quantity	Description of wor	Rate. Rs.	A.	P.	Per.	Amount. Rs.	A	P.	Total.
	III Cement Mortar	1:4.							
100 cft.	Sand cast	2	8	-	100 cft.	2	8	-	
25 cft.	Cement cast	81	8	-	25 cft.	81	8	-	
100 cft.	Sand and spar dust.	11	4	-	100 cft.	11	4	-	
25 cft.	Cement used	69	12	6	do	17	7	6	
100 cft.	Mixing Mortar	4	8	-	do	1	8	-	
L.S.	Sundries.	—	—			—	4	10	
						123	8	-	123/8/-
	IV Random Rubble Stone masonry in C.M. 1:5.								
(a)	S.S. 78.								
110 cft.	Rough stone	16	-	-	100 cft.	17	9	3	
34 cft.	Cement Mortar (1:5)	102	8	-	100 cft.	34	6	7	D
9 Nos.	Mason 2nd class	2	12	-	each	24	12	-	
4 Nos.	Man Mazdoors	1	8	-	do	6	-	-	
4 Nos.	Woman do	0	12	-	do	3	-	-	
110 cft.	Road for Rough stone	0	7	-	do	9	4	6	
	Sundries.						4	6	
						95	12	10	95/12/10
	Dry Stone masonry for Steining Rubble								
(b)	(dry - only)								
120 ~~110~~ cft.	Rough stone	16	-	-	100 cft.	19	3	2	F
120 ~~110~~ cft.	Stone land - metal	8	7	-	do	10	2	0	
2 ~~1~~ Nos.	Man Mazdoors	1	8	-	each	3	0	0	
4 ~~2~~ Nos.	Masons 2nd class	2	12	-	do	11	0	0	
1 ~~1~~ Nos.	Woman Mazdoors	0	12	-	do	0	12	0	
	Sundries.					2	10		44/4/0
						44	4	0	44/4/0
	V Concrete in Foundation & Plinth C.C. 1:4:8								
100 cft.	Brick stone	23	-	-	100 cft.	23	-	-	
100 cft.	Stone land	8	7	-	do	8	7	-	
50 cft.	C.M. 1:4.	123	8	-	do	61	12	-	
½ Nos.	Mason 2nd class	2	12	-	each	1	6	-	
5 Nos.	Man Mazdoors	1	8	-	do	7	8	-	
4 Nos.	Woman do	0	12	-	do	3	-	-	
	Sundries.					-	3	-	105/4/-

P.W.D. V-89—17 205—20-1-53

Data sheet to accompany the estimate for _____

Quantity	Description of wor	Rate.	Per.	Amount.	Total.
		RS. A. P.		RS. A. P.	
VI	Counting wood work [illegible]				
1 cft.	Counting wood	7 - -	cft	7 - -	
1/2 No	Carpenter 1st class	3 6 -	each	1 11 -	
1/4 No	Mate Mazdoor	1 8 -	"	0 6 -	9-4-0
	Sundries.	L. S.		0 3 -	~~9-8-0~~
				2 4 -	~~9/8/-~~
VII	Plastering with C.M. 1:4 (3/8" thick).				
36 cft.	Cement Mortar 1:4	123 8 -	100 cft.	3 11 -	
1 1/2 No	Brick layer	2 12 -	each	4 2 -	
1/2 No	Mate Mazdoor	1 8 -	"	0 12 -	
1 No	Woman "	0 12 -	"	0 12 -	
	Sundries.	L. S.		0 3 -	
				9 8 -	9/2/-
VIII	plastering with C.M. 1:4 1/2" thick one coat.				
5 cft.	Cement Mortar 1:4:	123 8 -	100 cft.	6 3 -	
1 No.	Brick layers 2 nos	2 12 -	each	3 12 -	
1/2 No	Mate Mazdoor	1 8 -	"	0 12 -	
1 No	Woman "	0 12 -	"	0 12 -	
	Sundries.	L. S.		- 1 -	
				10 8 -	10/8/-
IX	cut stone single line dressed & set in Cement Mortar 1:4 - one coat.				
1 cft.	cut stone	3 8 -	cft	3 8 -	
1 cft.	Conveyance charges	9 11 -	100 cft	0 1 7	
1 cft.	cut stone land lift etc.			0 5 -	
	Sundries for land handling etc.			4 -	4/-/-

Certified that the labour are connected to the work of my Municipality.

Mr. Tafazal Rao
Supervisor
Municipality.

15/16/5

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P.W.D. V-39—17 205—20-1-53

Data sheet to accompany the estimate for _____

Quantity	Description of wor	Rate. Rs.	A.	P.	Per.	Amount. Rs.	A	P.	Total.
	Late rite Masonry in C.M. 1:5.								
110 cft.	Laterite stone (S.S. No 230)	58	-	-	100 cft.	63	13	-	
110 cft	Lead for —do—	8	7	-	—do—	9	4	6	
18 cft.	C.M. 1:5	95	12	-	—do—	17	4	-	
2 No.	Brick layers 1st class	3	2	-	each	6	4	-	
5 No.	Stone cutters I class.	3	8	-	each	17	8	-	
2 No.	Man magdoor	1	8	-	each	3	-	-	
4 No.	Woman —do—	0	12	-	—do—	3	-	-	
1 No.	Head Mason	3	2	-	—do—	3	2	-	
L.S.	Sundries.	L	S.			0	4	6	
						123	8	-	

Certified that the loads are correct to the best of my knowledge.

At Sopora Rs.0

S.O.K.I. 23/6/53.

L.D. Clerk

27.6.53

AE

Abstract Estimate.

C.P. 150. (2).

Quantity. (1)	Description of work. (2)	Item number in the schedule of rates. (3)	Rate. (4) Rs. A. P.	Per (5)	Total. (6) Rs. A. P.	Amount. (7) Rs. A. P.
I.	Earth work open well with relevant cla... & with a lead up to 10 ft.		Rs. A. P.		Rs. A. P.	Rs. A. P.
1000 cft.	1st depth in ordinary Soil		1 8 4	100 cft.	19 - -	19
1000 cft.	2nd depth —do—		2 8 5	—do—	28 - -	28
800 cft.	3rd depth —do—		4 2 9	—do—	34 - -	34
800 cft.	4th depth —do—		6 3 11	—do—	51 - -	51
800 cft.	5th Ft. depth in Hard ground		10 8 -	—do—	87 - -	87
800 cft.	6th —do—		16 2 -	—do—	130 - -	130
700 cft.	7th —do—		24 3 8	—do—	170 - -	170
350 cft.	8th in disintegrated Rock.		49 8 -	—do—	173 - -	173
II. 5 cft 352 cft.	Country wood corrugated & Pukka.		9 4 0	cft.	209 - -	231
III. 1450 cft.	Random Rubble dry stemming.		44 4 -	100 cft.	638 - -	638
IV. 300 cft.	Random Rubble in c.m. 1:5.		95 12 -	100 cft.	287 - -	287
V. 200 cft.	dobutte masy in c.m. 1:5.		123 8 -	100 cft.	247 - -	247
VI. 130 cft.	concrete hand worked stone 1½" B.S.S. Jhansi in c.m. 1:4:8 Ilam.		105 4 -	100 cft.	137 - -	137
VII. 30 cft.	cut stone single line dressed & set in c.m. 1:4.		4 - -	cft.	15 - -	152
						2384
	Supervision charges at 5 per cent.					£. 0
					2609 - -	

Grand total, Estimate ..

Divisional officer (or other countersigning officer to be named).

Sanctioned for 19 –19 .

Signature and designation of the officer submitting this estimate.

Collector or other sanctioning officer (to be named).

Tahsildar or other officer (to be named).

Specification. C.F. 150 (2)—342,006—24-10-51.

District

Taluk

Village No.

Name of Work No.

ESTIMATE ABSTRACT.

Budget head

Main head

Sub-head

Amount of estimate

Sanction number and date

To be carried out by

Abstract Estimate.

C.F. 166. (3).

Quantity. (1)	Description of work. (2)	Item number in the schedule of rates. (3)	Rate. (4)	Per (5)	Total. (6)	Amount. (7)
			Rs. A. P.		Rs. A. P.	Rs. A. P.
			B. F.		~~2609~~ ~~2635~~ - -	2384 -
VII	Pointing R.R. Masonry 650 sqft with C.M. 1:4		9 6 -	100 sqft.	62 - -	
VIII	Plastering with C.M. 350 sqft 1:4 Min.		10 0 -	100 sqft.	37 - -	37
IX	Providing & fixing iron Pulleys with receiving & overhauling & providing holding down bolts nuts & washers with nuts Plates etc complete.			L.S.	25 - -	25
L.S.	Unforseen items			L.S.	41 - -	41
XI	Supervision Contg. @ 5%				130 - -	113
					~~2600~~	2600
					~~2630~~	
					~~2647~~	
					2650 - -	

Supervision charges at 5 per cent.

Grand total, Estimate ... ~~2384-0~~/- ~~2650~~/-

H. Sopabo Rao
Executive Engineer
C.P. 15/6/53

Divisional officer (or other countersigning officer to be named).

Signature and designation of the officer submitting this estimate.

Sanctioned for 19 -19 .

2600/-

Collector or other sanctioning officer (to be named).

27.6.53

Tahsildar or other officer (to be named).

C.F. 160 (2)—342,006—24-10-51.

District Mangalore.

Taluk Karkala.

Village No. Behmai.

Name of Work No. constructing a well at Behmai Village.

ESTIMATE ABSTRACT.

Budget head

Main head

Sub-head

Amount of estimate Rs ~~2847/=~~ 2850/= 2600/

Sanction number and date

To be carried out by

Estimated Cost Rs 2600/-
Amount of Contribution Rs 650/-
Amount of Sanction Rs 1950/-

Sanctioned for Rs 1950/-
(Rupees One Thousand nine hundred and fifty only)

O/C W 24/7/53
for D.C.P.
28/53 24/7
24/7/53

Rural (C.P. Wing) Dept.

(C No. 22092/53) Sub- Community Projects. South Kanara Area - Drinking water Supply - Block II - Construction of a drinking water well in Belvai - Estimate

Ref- From the PEO. Mangalore - Ref. C No 1592/53-B dt 15 7/53

Please see the letter from the PEO. Mangalore at p/cf. The PEO encloses an estimate for the construction of a well for drinking water in Belvai in Block II of South Kanara Area.

The estimate has been scrutinised and the cost is nero Rs 2600/- The proposal is to dig the well for a depth of 45 ft since water is ~~expected~~ reached at a depth of 40 ft. The soil to be met with will be gravel for a depth of 24 ft, hard gravel from 24 ft to 42 ft and soft disintegrated rock from 42 ft to 45 ft. These particulars have been arrived at by a reference to private wells nearby. The site has been chosen with the help of a water diviner and is certified as suitable by the Sanitary inspector.

The steining will be of dry stone masonry for the bottom depth of 35 ft & for the rest it will be of random rubble in Cement mortar

The PEO reports that there are no public wells in the locality and the Construction of the well will benefit about 300 persons. The Panchayat Board of Puttige has resolved to Contribute 25% of the estimated cost.

The PEO reports that the work has been included in the works programme and has been approved by the Project Executive Committee

The Project Estimate for the N area approved by the C.P.A provides for the Construction of 33 wells and at an expenditure of Rs 67,000/-. 9 wells have so far been sanctioned ~~at~~ in which an expenditure of Rs. 17,008/-

Sanction requires in this case is 3/4 of Rs 2600 or Rs 1950/- A draft order of Sanction is put up for approval

The estimate also may be Countersigned

23/7/53 24/7/53 24/7/53 24/7/53